

WEST Search History

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DATE: Thursday, September 30, 2004

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L10	L2 and l9 (5574823 6018706 6418408 5684926 6370500 6418405 6418407 6253171 6377920 5890108 5715365 6475245 5806038 5774837 6064955 5581656 6233551 6496798 6772126 5195166 5216747 5226108 6377916 6675144	24
<input type="checkbox"/>	L9	6411933 6725190 6377915 4443857 4630304 4852170 3600516 6691081 5822370 5664052 5809455 6003000 5774849 6098040 5007093 5953697 5701390 5754974 6353671 6415253 5680508 5578779 6067511 6098036 6119082 6138092).pn.	98
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L8	L7 and normali\$	0
<input type="checkbox"/>	L7	L6 and window	1
<input type="checkbox"/>	L6	5216747.pn. and harmonic	1
<input type="checkbox"/>	L5	L4 and (differ\$ near5 (spectral or spectrum))	0
<input type="checkbox"/>	L4	L3 and (energy)	4
<input type="checkbox"/>	L3	L2 and (1 adj1 band)	4
<input type="checkbox"/>	L2	L1 and (voic\$ near7 decision)	69
<input type="checkbox"/>	L1	voiced and (unvoiced or unvoicing) and (spectral or spectrum) and band and window and harmonic and energy and (difference or differential)	124

END OF SEARCH HISTORY

09898624_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09898624 on September 27, 2004

Original Classifications

10 704/208
4 704/206
4 704/207
4 704/214
3 704/219
3 704/223
2 704/200
2 704/268

Cross-Reference Classifications

10 704/208
7 704/219
7 704/223
5 704/214
4 704/205
4 704/206
4 704/220
4 704/268
3 704/207
3 704/222
3 704/262
2 381/317
2 704/203
2 704/209
2 704/217
2 704/225
2 704/230
2 704/234
2 704/264
2 704/266

Combined Classifications

20 704/208
10 704/219
10 704/223
9 704/214
8 704/206
7 704/207
6 704/268
5 704/205
4 704/220
3 704/222
3 704/225

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3 704/230
3 704/234
3 704/262
3 704/264
2 381/317
2 704/200
2 704/203
2 704/209
2 704/213
2 704/217
2 704/227
2 704/258
2 704/266
2 704/500

09898624_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09898624 on September 27, 2004

20 704/208 (10 OR, 10 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
SPEECH SIGNAL PROCESSING
.For storage or transmission
.Frequency
.Specialized information
.Pitch
.Voiced or unvoiced

10 704/219 (3 OR, 7 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
SPEECH SIGNAL PROCESSING
.For storage or transmission
.Linear prediction

10 704/223 (3 OR, 7 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
SPEECH SIGNAL PROCESSING
.For storage or transmission
.Pattern matching vocoders
.Excitation patterns

9 704/214 (4 OR, 5 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
SPEECH SIGNAL PROCESSING
.For storage or transmission
.Time
.Voiced or unvoiced

8 704/206 (4 OR, 4 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

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LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/205 ..Frequency
704/206 ...Specialized information

7 704/207 (4 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/205 ..Frequency
704/206 ...Specialized information
704/207Pitch

6 704/268 (2 OR, 4 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis
704/268 ..Frequency element

5 704/205 (1 OR, 4 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/205 ..Frequency

4 704/220 (0 OR, 4 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/220 ..Analysis by synthesis

3 704/222 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

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LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/221 ..Pattern matching vocoders
704/222 ...Vector quantization

3 704/225 (1 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/225 ..Gain control

3 704/230 (1 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/230 ..Quantization

3 704/234 (1 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/234 ..Normalizing

3 704/262 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis
704/262 ..Linear prediction

3 704/264 (1 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

09898624_CLSTITLES
COMPRESSION/DECOMPRESSION
SPEECH SIGNAL PROCESSING
704/200
704/258
704/264
.Synthesis
..Excitation

2 381/317 (0 OR, 2 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/312 HEARING AIDS, ELECTRICAL
381/317 .Noise compensation circuit

2 704/200 (2 OR, 0 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING

2 704/203 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/203 ..Transformation

2 704/209 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/205 ..Frequency
704/206 ...Specialized information
704/209Formant

2 704/213 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/211 ..Time
704/213 ...Zero crossing

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2 704/217 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/211 ..Time
704/216 ...Correlation function
704/217Autocorrelation

2 704/227 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/201 .For storage or transmission
704/226 ..Noise
704/227 ...Pretransmission

2 704/258 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis

2 704/266 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/258 .Synthesis
704/266 ..Specialized model

2 704/500 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
COMPRESSION/DECOMPRESSION
704/500 AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION

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